



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant:

Giora AMITZUR et al

Serial No.: 10/537,913

Filed: December 6, 2005

For: SYSTEM FOR DETERMINING ENDOTHELIAL
DEPENDENT VASOACTIVITY

Examiner: Not Yet Assigned

§ Group Art Unit: 3762

§ Attorney
§ Docket: 30028

Mail Stop amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Sir:

Enclosed is a PTO Form 1449 which lists citations which may be material to the patentability and examination of the above identified application. Also enclosed are copies of the references cited. These are submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. The Examiner is requested to make these citations of official record in this application.

This Information Disclosure Statement under 37 CFR 1.56 is not to be construed as a representation that a search has been made, that additional matter which is material to the examination of this application does not exist, or that any or more of these citations constitutes prior art.

Respectfully submitted,

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Registration No. 40,338

Dated: July 20, 2006



JUL 24 2006

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449A/PTO

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				Application Number	10/537,913
				Filing Date	December 6, 2005
				First Named Inventor	Giora AMITZUR et al
				Art Unit	3762
				Examiner Name	Not Yet Assigned
Sheet	1	of	4	Attorney Docket Number	30028

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Documents	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	2	EP 1360929	11-12-2003	Chowienczyck et al.		
	3	PCT WO 02/34105	02-2-2002	Lavie et al.		
	4	EP 1245183	02-2-2002	Ogura et al.		
	5	EP 1053714	11-22-2000	Ogura et al.		
	6	PCT WO 00/47110	08-17-2000	Orbach et al.		
Examiner Signature				Date Considered		

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⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Sheet	2	Of	4	Attorney Docket Number	30028
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			² T
	7	Wilkinson et al. "Increased Augmentation Index and Systolic Stress in Type 1 Diabetes Mellitus", Q J Med., 93(7): 441-448, 2000. P.441-442.			
	8	Hartley et al. "Hemodynamics of Atherosclerotic Mice", Proceedings of the 22nd Annual EMBS International Conference, Chicago, Ill., IEEE, 3: 2219-2222, 2000. P.2219.			
	9	Itoh et al. "The Therapeutic Effect of Lipo PGE1 on Diabetic Neuropathy-Changes in Endothelin and Various Angiopathic Factors", Prostaglandins, 66(3): 221-234, 2001. Abstract, § '02.5!.			
	10	Anderson et al. "Flow-Mediated and Reflex Changes in Large Peripheral Artery Tone in Humans", Circulation, 79: 93-100, 1989.			
	11	Armentano et al. "Arterial Wall Mechanics in Conscious Dogs. Assessment of Viscous, Inertial, and Elastic Moduli to Characterize Aortic Wall Behavior", Circulation Research, 76: 468-478, 1995.			
	12	Brendle et al. "Effects of Exercise Rehabilitation on Endothelial Reactivity in Older Patients With Peripheral Arterial Disease", The American Journal of Cardiology, 87: 324-329, 2001.			
	13	Anderson et al. "Close Relation of Endothelial Function in the Human Coronary and Peripheral Circulations", JACC (Journal of the American College of Cardiology), 26(5): 1235-1241, 1995.			
	14	Corretti et al. "Guidelines for the Ultrasound Assessment of Endothelial-Dependent Flow-Mediated Vasodilation of the Brachial Artery", Journal of the American College of Cardiology, 39(2): 257-265, 2002.			
	15	Corretti et al. "Correlation of Cold Pressor and Flow-Mediated Brachial Artery Diameter Responses With the Presence of Coronary Artery Disease", American Journal of Cardiology, 75: 783-787, 1995.			
	16	Cosentino et al. "Endothelial Dysfunction in Diabetes Mellitus", Journal of Cardiovascular Pharmacology, 32(Suppl.3): S54-S61, 1998.			
	17	Cosentino et al. "High Glucose Causes Upregulation of Cyclooxygenases-2 and Alters Prostanoid Profile in Human Endothelial Cells. Role of Protein Kinase C and Reactive Oxygen Species", Circulation, 107: 1017-1023, 2003.			
	18	Celermajer et al. "Cigarette Smoking Is Associated With Dose-Related and Potentially Reversible Impairment of Endothelium-Dependent Dilation in Healthy Young Adults", Circulation, 88(Part 1): 2149-2155, 1993.			
	19	Celermajer et al. "Endothelium-Dependent Dilation in the Systemic Arteries of Asymptomatic Subjects Relates to Coronary Risk Factors and Their Interactions", JACC (Journal of the American College of Cardiology), 24: 1468-1474, 1994.			
	20	Deanfield et al. "Silent Myocardial Ischaemia Due to Mental Stress", The Lancet, 2: 1001-1005, 1984.			
	21	Gage et al. "Vasoconstriction of Stenotic Coronary Arteries During Dynamic Exercise in Patients With Classic Angina Pectoris: Reversibility by Nitroglycerin", Circulation, 73: 865-876, 1986.			

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Sheet	3	Of	4	Attorney Docket Number	30028

22	Gordon et al. "Atherosclerosis Influences the Vasomotor Response of Epicardial Coronary Arteries to Exercise", Journal of Clinical Investigation, 83: 1946-1952, 1989.				
23	Hayano et al. "Decreased Magnitude of Heart Rate Spectral Components in Coronary Artery Disease. Its Relation to Angiographic Severity", Circulation, 81: 1217-1224, 1990.				
24	Wilkinson et al. "Nitric Oxide Regulates Local Arterial Distensibility In Vivo", Circulation, 105: 213-217, 2002.				
25	Egashira et al. "Reduction in Serum Cholesterol With Pravastatin Improves Endothelium-Dependent Coronary Vasomotion in Patients With Hypercholesterolemia", Circulation, 89: 2519-2524, 1994.				
26	Khoury et al. "Relation of Coronary Artery Disease to Atherosclerotic Disease in the Aorta, Carotid, and Femoral Arteries Evaluated by Ultrasound", American Journal of Cardiology, 80: 1429-1433, 1997.				
27	Malik et al. "Heart Rate Variability. Standards of Measurement, Physiological Interpretation, and Clinical Use", European Heart Journal, 17: 354-381, 1996.				
28	Nabel et al. "Dilation of Normal and Constriction of Atherosclerosis Coronary Arteries Caused by the Cold Pressor Test", Circulation, 77(1): 43-52, 1988.				
29	Nafz et al. "Endogenous Nitric Oxide Buffers Blood Pressure Variability Between 0.2 and 0.6 Hz in the Conscious Rat", American Journal of Physiology (Heart Circulation Physiology), 272: H632-H637, 1997.				
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31	Pelat et al. "Rosuvastatin Decreases Caveolin-1 and Improves Nitric Oxide-Dependent Heart Rate and Blood Pressure Variability in Apolipoprotein E-/ Mice In Vivo", Circulation, 107: 2480-2486, 2003.				
32	Persson "Spectrum Analysis of Cardiovascular Time Series", American Journal of Physiology - Regulatory, Integrative and Comparative Physiology, 273: 1201-1210, 1997.				
33	Perticone et al. "Prognostic Significance of Endothelial Dysfunction in Hypertensive Patients", Circulation, 104: 191-196, 2001.				
34	Joannides et al. "Nitric Oxide Is Responsible for Flow-Dependent Dilation of Human Peripheral Conduit Arteries In Vivo", Circulation, 91: 1314-1319, 1995.				
35	Sorensen et al. "Atherosclerosis in the Human Brachial Artery", JACC (Journal of the American College of Cardiology), 29(2): 318-322, 1997.				
36	Stadler et al. "Measurement of the Time Course of Peripheral Vasoactivity: Results in Cigarette Smokers", Atherosclerosis, 138: 197-205, 1998.				
37	Vanhoutte "Endothelial Dysfunction and Atherosclerosis", European Heart Journal, 18(Suppl.E): E19-E29, 1997.				

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